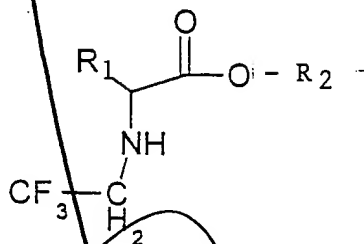


**What is claimed is:**

1. A pharmaceutically effective composition which comprises the following compound:

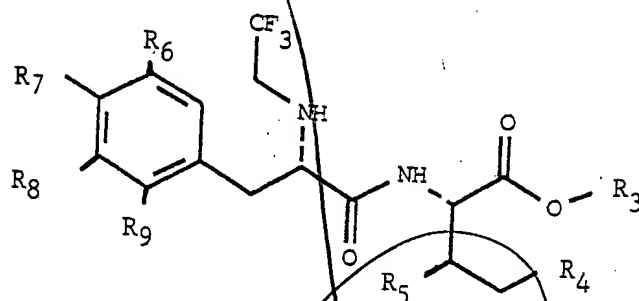


wherein R<sub>1</sub> and R<sub>2</sub> are each independently selected from the group consisting of: alkyls, hydrogen, aryls, aromatic compounds, amines, sulfur-containing alkyl groups, sulfur-containing aryl groups, and heterocyclic compounds.

2. The composition of claim 1 in which R<sub>1</sub> comprises an aromatic ring containing group.
3. The composition of claim 1 in which R<sub>2</sub> comprises an alkane.
4. The composition of claim 3 in which the alkane comprises a carbon chain having less than about 6 carbon atoms.
5. The composition of claim 4 in which the alkane comprises a t-butyl group.

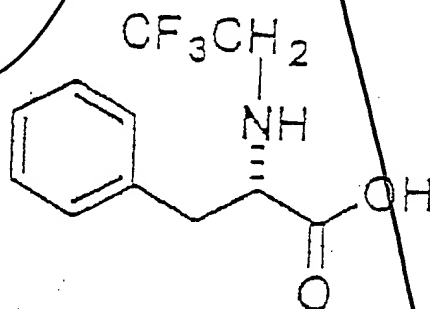
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6. A pharmaceutically effective composition comprising:



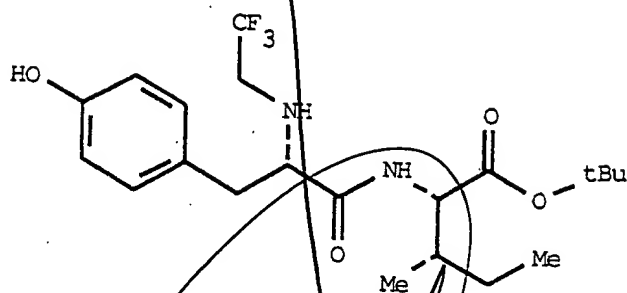
wherein  $R_3$ ,  $R_4$ ,  $R_5$ ,  $R_6$ ,  $R_7$ ,  $R_8$ , and  $R_9$  each are independently selected from the group consisting of: alkyls, hydrogen, aryls, aromatic compounds, amines, sulfur-containing alkyl groups, sulfur-containing aryl groups, and heterocyclic compounds.

7. An N-alpha trifluoroethyl amino acid compound having the general chemical formula

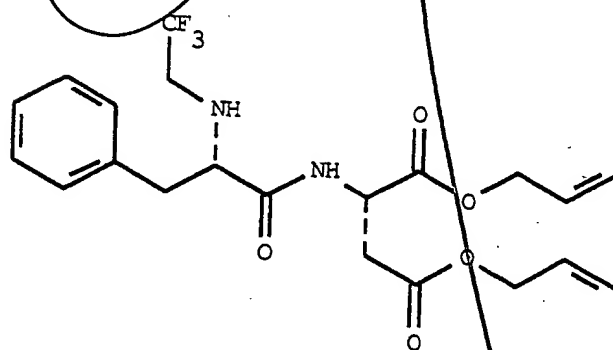


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8. The compound having the structure represented as:

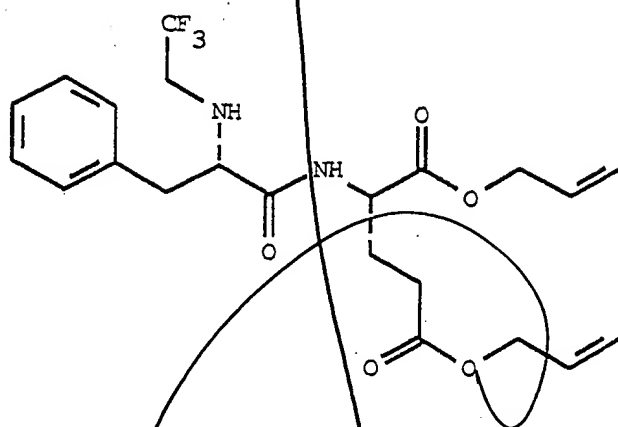


9. The compound having the structure represented as:

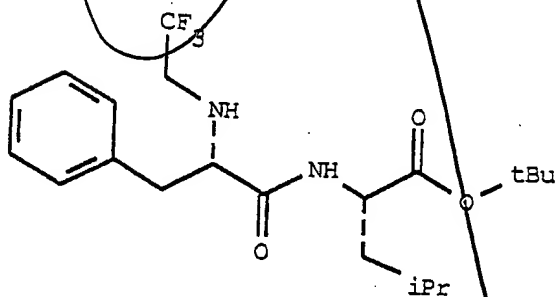


09817507-03E01

10. The compound having the structure represented as:

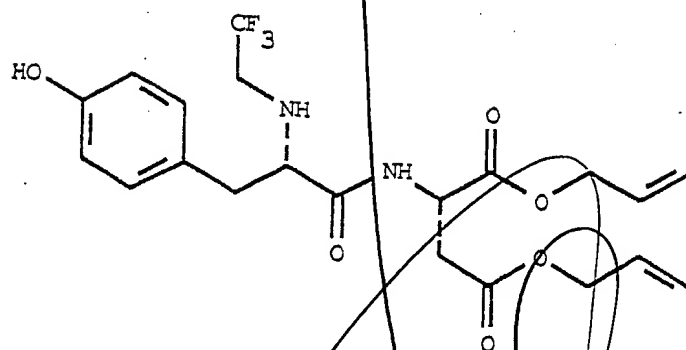


11. The compound having the structure represented as:

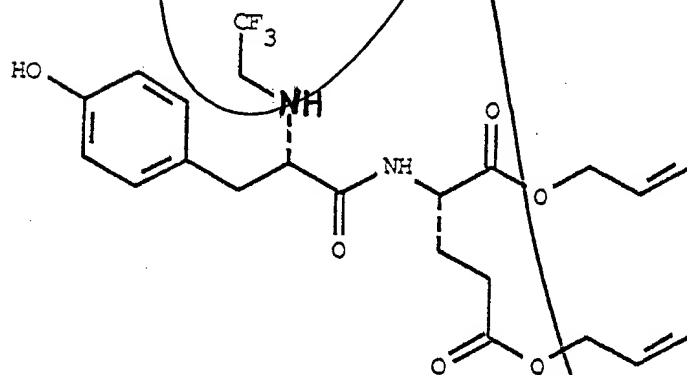


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12. The compound having the structure represented as:

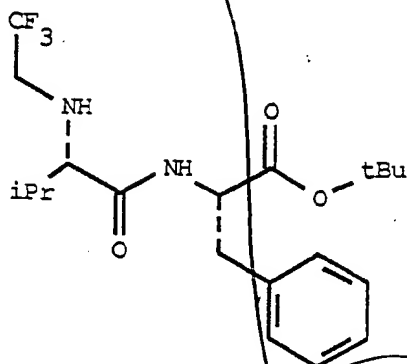


13. The compound having the structure represented as:

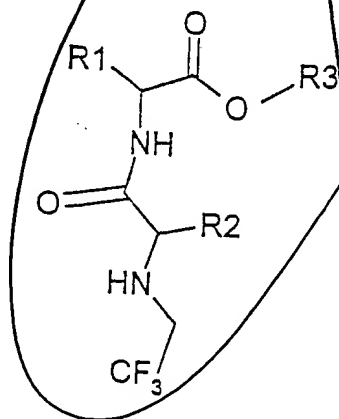


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14. The compound having the structure represented as:

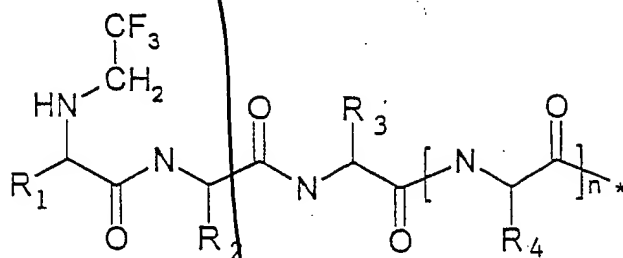


15. A di-peptide having a structure as follows:



wherein R1, R2, and R3 each are independently selected from the group consisting of: alkyls, hydrogen, aryls, aromatic compounds, amines, sulfur-containing alkyl groups, sulfur-containing aryl groups, and heterocyclic compounds.

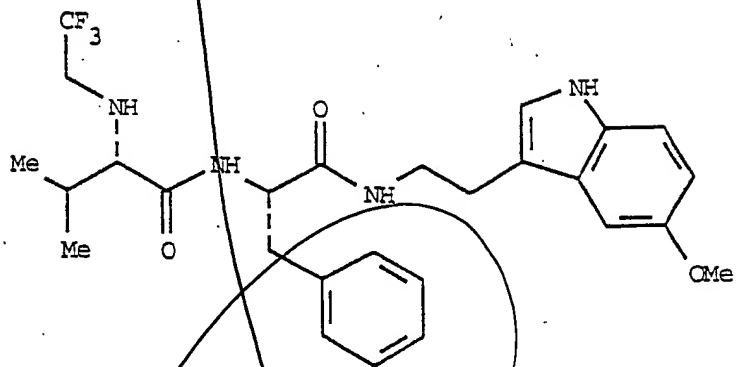
16. A polypeptide, comprising:



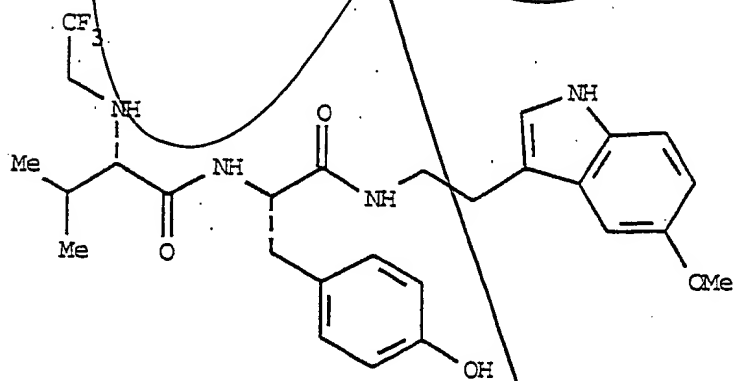
wherein  $R_1$ ,  $R_2$ ,  $R_3$ , and  $R_4$  are each independently selected from the group consisting of: alkyls, hydrogen, aryls, aromatic compounds, amines, sulfur-containing alkyl groups, sulfur-containing aryl groups, and heterocyclic compounds; and wherein  $n$  is an integer greater than or equal to 1.

17. A lipophilic protein having enhanced affinity for lipophilic tissues that is adapted for crossing the blood brain barrier in mammals, the lipophilic protein being prepared by reacting a first protein with a  $-CF_3$ -containing compound to form a lipophilic protein.

18. The compound comprising:



19. The compound comprising:



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*adda*